

# Idaho's Career Pathways

## Arts and Communications Career Pathway

The Arts and Communications career pathway includes programs related to the humanities and to the performing, visual, literary, and media arts. These include architecture, creative writing, film and cinema studies, fine arts, graphic design and production, journalism, foreign languages, radio and television broadcasting, advertising, and public relations.



## Business and Management Career Pathway

The Business and Management career pathway includes programs related to the business environment. These may include entrepreneurship, sales, marketing, hospitality and tourism, computer/information systems, finance, accounting, personnel, economics, and management.



## Health Services Career Pathway

The Health Services career pathway includes programs related to the promotion of health as well as the treatment of injuries, conditions, and disease. These may include medicine, dentistry, nursing, therapy and rehabilitation, nutrition, fitness, and hygiene.



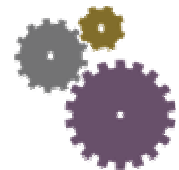
## Human Resources Career Pathway

The Human Resources career pathway includes programs related to economic, political, and social systems. These may include education, law and legal studies, law enforcement, public administration, child and family services, religion, and social services.



## Industrial and Engineering Career Pathway

The Industrial and Engineering career pathway includes programs related to the technologies necessary to design, develop, install, or maintain physical systems. These may include engineering and related technologies, mechanics and repair, manufacturing and design technology, precision production, electronics, and construction.



## Natural Resources Career Pathway

The Natural Resources career pathway includes programs related to the environment and natural resources. These may include agriculture, earth sciences, environmental sciences, fisheries management, forestry, horticulture, and wildlife management.





The Arts and Communications career pathway includes programs related to the humanities and to the performing, visual, literary, and media arts. These include architecture, creative writing, film and cinema studies, fine arts, graphic design and production, journalism, foreign languages, radio and television broadcasting, advertising, and public relations.

### Recommended Courses for the Arts and Communications Pathway

- **Keyboarding/Intro to Computers** -Recommended for all career pathways
- **English** - Creative Writing, Literature, Journalism, Applied English
- **Math** - Applied Math 1 & 2, Algebra 2; or Algebra 1, Geometry, Algebra 2; Advanced Math Course
- **Science** - Anatomy, Biology, Botany, Chemistry, Applied Physics
- **Required Courses** - U.S. History, American Government, Economics, Humanities, Physical Education, Health, Speech, Reading
- **Humanities** - Art, Photography, Drawing & Painting, Graphic Design, Ceramics & Jewelry
- **Foreign Language** - French, German, Spanish, Japanese, Latin
- **Fine Arts** - Theater Arts, Humanities
- **Music** - Band, Choir, Music
- **Business/Marketing** - Computers, Accounting, Business Law, Financial Management
- **Family and Consumer Sciences** - Apparel & Housing, Teen Living, Adult Living, Career & Personal Development, Fashion Merchandising
- **Agriculture** - Landscaping, Horticulture Technology - Computer-Aided Drafting, Communication Technology, Printing and Graphic Arts
- **Work-based Learning** - Community opportunities in the arts or graphic communications

(The above courses are examples of what high schools might offer to students within pathways. This listing does not include all required courses. Students must complete all State Board of Education graduation requirements).

Working within one or more career pathways, students can develop an educational plan  
**Here is one example.**



Teachers  
organize  
themselves into  
pathways  
instead of just  
discipline  
departments.

#### Career Goal -- Graphic Design

##### Year 9:

Career and Personal Development  
English I  
Reading & Speech  
Art I  
Principles of Technology  
Applied Math I

##### Year 10:

Drafting/CAD  
Technical Writing  
Applied Math II  
Art II  
Health/Physical Education  
Social Studies

##### Year 11:

Algebra II  
Biology  
Creative Writing  
Foreign Language  
Graphic Design  
US History

##### Year 12:

Printing/Graphics  
Journalism/Literature  
Foreign Language  
Photography  
American Government  
Media Production

**Plans Beyond High School** -- Graphic Design course of study

The Business and Management career pathway includes programs related to the business environment. These include entrepreneurship, sales, marketing, hospitality and tourism, computer/information systems, finance, accounting, personnel, economics, and management.



## Recommended Courses for the Business and Management Pathway

- **Keyboarding/Intro to Computers** -Recommended for all career pathways
- **English** - Creative Writing, Literature, Journalism, Business Writing, Applied English
- **Math** - Applied Math 1 & 2, Algebra 2; or Algebra 1, Geometry, Algebra 2; Business Math
- **Science** - Anatomy, Biology, Botany, Chemistry, Applied Physics
- **Required Courses** - U.S. History, American Government, Economics, Humanities, Physical Education, Health, Speech, Reading
- **Business** – Computers, Accounting, Business Law, Financial Management
- **Marketing/Management**—Marketing, Business Management
- **Family and Consumer Sciences** – Food Service and Hospitality Management, Career & Personal Development, Personal & Family Finance/Consumer Economics
- **Agriculture** – Agricultural Business and Leadership
- **Work-based Learning** – Cooperative Education and Internships in the areas of Business or Marketing

(The above courses are examples of what high schools might offer to students within pathways. This listing does not include all required courses. Students must complete all State Board of Education graduation requirements).

Working within one or more career pathways, students can develop an educational plan.

Here is one example.

Students may want to select more than one pathway. For example, a student interested in hospital administration may wish to select courses from both the Business Management and Health Services pathways.



### Career Goal -- Accounting

#### Year 9:

Computer Applications  
Algebra I  
Earth Science  
English I  
Reading & Speech  
Communication Technology

#### Year 10:

Business Computer Applications  
Biology or App. Biology/Chemistry  
English II  
Humanities Elective  
Health & Physical Education  
Geometry

#### Year 11:

Computerized Accounting  
Algebra II  
Principles of Technology  
Economics  
English III  
US History

#### Year 12:

Business Technology  
Chemistry or Physics  
Applied English  
American Government  
Cooperative Education

**Plans Beyond High School** – Accounting degree course of study



Teachers and administrators can advise students within a pathway. By having teachers and students select a career pathway, teachers can become knowledgeable about careers and help students and parents to develop an educational plan.



The Health Services career pathway includes programs related to the promotion of health as well as the treatment of injuries, conditions, and disease. These may include medicine, dentistry, nursing, therapy and rehabilitation, nutrition, fitness, and hygiene.

### Recommended Courses for the Health Services Career Pathway

- **Keyboarding/Intro to Computers** -Recommended for all career pathways
- **English** - Creative Writing, Literature, Journalism, Technical Writing
- **Math** - Applied Math 1 & 2, Algebra 2; or Algebra 1, Geometry, Algebra 2; Advanced Math Course
- **Science** – Applied Biology and Chemistry, Principles of Technology, Anatomy and Physiology
- **Required Courses** - U.S. History, American Government, Economics, Humanities, Physical Education, Health, Speech, Reading
- **Social Studies** – Sociology, Psychology
- **Health Occupations**—Health Occupations 1, Health Occupations 2
- **Family and Consumer Sciences** – Nutrition & Foods, Family Health & Wellness, Food Science, Career & Personal Development
- **Physical Education** – First Aid
- **Work-based Learning** – Clinical Experiences in the Health Field

(The above courses are examples of what high schools might offer to students within pathways. This listing does not include all required courses. Students must complete all State Board of Education graduation requirements).

Working within one or more career pathways, students can develop an educational plan.

Here is one example.

#### Career Goal -- Nurse

##### Year 9:

Applied Math I  
Earth Science  
English I  
Reading & Speech  
Humanities Elective  
Economics

##### Year 11:

Health Occupations I  
Algebra II  
Principles of Technology  
English III  
US History  
Sociology

##### Year 10:

Exploratory Careers/Health Occ.  
Applied Math II  
Biology or Applied Biology & Chemistry  
English II  
Reading & Speech  
Health & Physical Education

##### Year 12:

Health Occupations II  
Chemistry  
Applied English  
Humanities Elective  
American Government  
Psychology

**Plans Beyond High School** – Health Occupations course of study



By discovering students' dependable strengths, students and parents are able to make informed choices about education.



Printing course offerings by career pathways begins the process of making connections among courses, and between schools and the world of work.

The Human Resources career pathway includes programs related to economic, political, and social systems. These may include education, law and legal studies, law enforcement, public administration, child and family services, religion, and social services.



## Recommended Courses for the Human Resources Pathway

- **Keyboarding/Intro to Computers** -Recommended for all career pathways
- **English** - Creative Writing, Literature, Journalism, Applied English
- **Math** - Applied Math 1 & 2, Algebra 2; or Algebra 1, Geometry, Algebra 2; Advanced Math Course
- **Science** – Applied Biology and Chemistry, Principles of Technology, Anatomy and Physiology
- **Required Courses** - U.S. History, American Government, Economics, Humanities, Physical Education, Health, Speech, Reading
- **Family and Consumer Sciences** – Child Development, Food Service & Hospitality Management, Occupational Child & Adult Care, Apparel & Housing, Nutrition & Foods, Teen Living, Adult Living, Career & Personal Development, Personal & Family Finance/Consumer Economics, Family Health & Wellness
- **Health Occupations** – Health Occupations 1, Health Occupations 2
- **Humanities** – Art, Photography, Drawing & Painting, Graphic Design, Ceramics & Jewelry
- **Work-based Learning** – Cooperative Education in the Field of Human Services

(The above courses are examples of what high schools might offer to students within pathways. This listing does not include all required courses. Students must complete all State Board of Education graduation requirements).

Working within one or more career pathways, students can develop an educational plan.

Pathways provide direction not tracking. Students should explore options and change pathways whenever they find one better suited to their strengths and weaknesses.



Here is one example.

### Career Goal -- Child Life Specialists

#### Year 9:

Career & Personal Development  
Applied Math I or Algebra I  
Applied Biology & Chemistry  
English 9  
Social Studies  
Elective

#### Year 11:

Parenting & Child Development  
Algebra II  
Adult Living  
English 11  
US History  
Family Health & Wellness

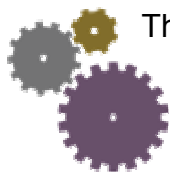
#### Year 10:

Nutrition & Foods or Teen Living  
Applied Math 2 or Algebra 2  
Biology  
English 10  
Sociology or Psychology  
Reading & Speech

#### Year 12:

Occupations Child Care  
Advanced Math  
Principles of Technology/Chemistry  
English 12 or Applied English  
Government  
Cooperative Education

**Plans Beyond High School** – Child Development course of study



The Industrial and Engineering career pathway includes programs related to technologies necessary to design, develop, install, or maintain physical systems. These may include engineering and related technologies, mechanics and repair, manufacturing, precision production, electronics, and construction.

## Recommended Courses for the Industrial and Engineering Pathway

- **Keyboarding/Intro to Computers** -Recommended for all career pathways
- **English** – Technical Writing, Journalism
- **Math** - Applied Math 1 & 2, Algebra 2; or Algebra 1, Geometry, Algebra 2; Advanced Math Course
- **Science** – Applied Biology and Chemistry, Approved Agricultural Science Courses, Chemistry, Biology, Physics
- **Required Courses** - U.S. History, American Government, Economics, Humanities, Physical Education, Health, Speech, Reading
- **Family and Consumer Sciences** – Apparel & Housing, Career & Personal Development, Personal & Family Finance/Consumer Economics, Food Science, Teen Living, Adult Living
- **Trade/Technical** – Principles of Technology, Automotive Technology, Building Trades, Electronics Technology, Drafting, Industrial Mechanics,
- **Technological Education** – Communications Technology, Power, Energy & Transportation Technology, Drafting, Industrial Mechanics, Printing & Graphic Arts, Welding, Precision Machining
- **Humanities** – Ceramics & Jewelry
- **Agriculture** – Small Gas Engines, Welding Technology
- **Business and Marketing** – Computers, Accounting, Business Law, Marketing
- **Work-based Learning** – Cooperative Education in Industrial or Engineering Fields, Apprenticeships

(The above courses are examples of what high schools might offer to students within pathways. This listing does not include all required courses. Students must complete all State Board of Education graduation requirements).

Working within one or more career pathways, students can develop an educational plan.

Here is one example.

### Career Goal -- Electronics Technician

#### Year 9:

Introduction to Technology  
Applied Math I  
Earth Science  
English I  
Reading & Speech  
Principles of Technology

#### Year 11:

Chemistry  
Algebra II  
English III  
Intro. to Electronics Tech.  
US History  
Computer-Aided Design

#### Year 10:

Power/Energy & Transportation Tech  
Humanities Elective  
Applied Math II  
Biology or Applied Biology/Chemistry  
English II

#### Year 12:

Electronics II Tech.  
Intro to Electronic Drafting  
Work-based Learning  
Calculus  
Technical Writing  
American Government

**Plans beyond High School** – Electronics course of study

Pathways show students how education is an important part of preparing for life and work.



Integration of academic and vocational education makes possible a career pathway connecting education with the world of work.



The Natural Resources career pathway includes programs related to the environment and natural resources. These may include agriculture, earth sciences, environmental sciences, fisheries management, forestry, horticulture, and wildlife management.



## Recommended Courses for the Natural Resource Pathway

- **Keyboarding/Intro to Computers** -Recommended for all career pathways
- **English** – Technical Writing, Journalism, Applied English
- **Math** - Applied Math 1 & 2, Algebra 2; or Algebra 1, Geometry, Algebra 2; Advanced Math Course
- **Science** – Applied Biology and Chemistry, Principles of Technology, Anatomy and Physiology, Approved Agriculture Courses
- **Required Courses** - U.S. History, American Government, Economics, Humanities, Physical Education, Health, Speech, Reading
- **Agriculture** – Horticulture, Landscaping, Agriculture Business and Leadership, Livestock Production, Natural Resources Conservation
- **Business/Marketing** – Computers, Accounting, Business Law, Financial Management, Marketing
- **Family and Consumer Sciences** – Parenting and Child Development, Food Service & Hospitality Management, Apparel and Housing, Food Science, Nutrition & Foods
- **Trade/Technical** – Drafting, Mechanics, Welding, Construction Technology
- **Work-based Learning** – Supervised Agricultural Experience Program

(The above courses are examples of what high schools might offer to students within pathways. This listing does not include all required courses. Students must complete all State Board of Education graduation requirements).

Working within one or more career pathways, students can develop an educational plan.

Here is one example.

### Career Goal -- Wildlife Specialists

#### Year 9:

Intro to Agriculture Education  
Personal Skill Development  
Applied Math I  
Earth Science  
English I  
Reading & Speech

#### Year 11:

Botany/Horticulture/Plant Science  
Algebra II  
Biology  
English III  
Humanities Elective  
US History

#### Year 10:

Botany/Plant and Soil Science  
Applied Math II  
Biology Applied Biology/Chemistry  
Applied Math II  
Humanities Elective  
Health & Physical Education

#### Year 12:

Zoology/Fish & Wildlife Science  
Principles of Technology  
Applied English or English IV  
Humanities Elective  
American Government  
Economics

**Plans Beyond High School** – Natural Resources curriculum



Pathways provide a mechanism to eliminate a low level general track that does not prepare students for further education or the world of work.



Career guidance is a key to helping students make informed choices about career pathways and which courses to select. The Dependable Strengths process will help students discover a pathway.